Amendments to the Specification:

Please add the following new paragraph before Field of Invention:

This application is a Continuation of U.S. Patent Application Serial No. 09/484,169 filed

January 18, 2000 which is a Continuation of U.S. Patent Application Serial No. 09/439,612 filed

on November 12, 1999.

Please replace the paragraph starting at page 4, line 6 and ending at page 4, line 16 with the

following paragraph:

Preferably, the radio link control layer includes a RLC-transparent entity either for

receiving [[an SDU]] a Service Data Unit (SDU) from the upper layer, dividing the SDU into a

plurality of [[PDUs]] Protocol Data Units (PDUs) and providing the PDUs to the lower layer,

or for receiving the plurality of PDUs from the lower layer, reassembling the PDUs into an SDU

and providing the SDU to the upper layer; a RLC-unacknowledged entity either for receiving

the SDU from the upper layer, conducting framing in which the SDU is divided into a plurality

of PDUs wherein a header is inserted into each of the PDUs and providing the PDUs to the

lower layer, or for receiving a plurality of PDUs from the lower layer, separating a header from

each of the PDUs, reassembling the PDUs into the SDU depending on presence of error and

providing the SDU to the upper layer; and a RLC-acknowledged entity for correcting an error

in the PDU or retransmitting the PDU depending on the presence of an error in the plurality

of PDUs received from the lower layer.

Please replace the paragraph starting at page 5, line 17 and ending at page 6, line 2 with the

following paragraph:

Reference will now be made in detail to the preferred embodiments of the present

invention, examples of which are illustrated in the accompanying drawings. FIG. 1 illustrates

a block diagram showing a detail of RRC for a Universal Terrestrial Radio Access Network

(UTRAN) in a next generation mobile communication system in accordance with the present

invention, and FIG. 2 illustrates a block diagram showing a radio protocol architecture and RRC

for [[UE]] User Equipment (UE) in a next generation mobile communication system in

accordance with the present invention. The RRC architecture model of the present invention

is provided for supporting a UMTS control plane and a FDD mode, and can also support a

TDD mode.

Please replace the paragraph starting at page 6, line 20 and ending at page 7, line 8 with the

following paragraph:

First, characteristics of the message to be transported from the upper layer to the RRC

are made known. The characteristics of the message to be transported from the upper layer to

the RRC is determined. Namely, whether the message is broadcast message information, paging

and notification information, or information on setting/canceling connection and transmission

of a message. As a result of the determination, the broadcast message information is transmitted

to the BCE 11, the paging and notification information is transmitted to the PNCE [[2]] 12, and

the information on setting/canceling connection and transmission of a message from the upper layer is transmitted to the DCE 13. The message provided to the RRC 10 is processed in one of the following three message processing procedure depending on a service function of the message. That is, the RRC 10 of the present invention has the BCE 11 for processing a message only required for transmission, the PNCE 12 for processing the paging message or the notification message, and the DCE 13 for processing an important message, such as a packet or speech.

Please replace the paragraph starting at page 9, line 9 and ending at page 9, line 19 with the following paragraph:

Referring to FIG. 3, the RLC 100 is provided with different SAPs for access to the upper layer, such as T-SAP, UNACK-SAP and ACK-SAP. The "RLC control" between the upper layer and the RLC 100 will be explained in detail. The entities 110, 120 and 130 in the RLC 100 have different forms of data transfer modes and functions. The RLC-Transparent (RLC-T) entity 110 controls a data flow to logic channels, such as SCCH (Supplemental Code Common Channel), BCCH (Broadcast Control Channel), PCCH (Paging Control Channel) and DTCH (Dedicated Traffic Channel), through a logic channel SAP connected to the MAC. The RLC-T 110 is provided with both a segmentation block 111 and a transmitter buffer block 112 in an up-link from the UTRAN and, as will be explained later, a RLC-T 210 in FIG 4 is also provided with a segmentation block 211 and a transmitter buffer block 212 in a down-link from the UE.

The RLC-T 110 is also provided with a reassembly block 113 and a receiver buffer block 114

in a down-link from the UTRAN, and the RLC-T 210 has a reassembly block 213 and a receiver

buffer block 214 in an up-link from the UE.